

Central Distribution Administration for the
Unified Power System of CEMA Countries,
by Khuben Ovcharov.

BULGARIAN, per, Elektroenergiya, No 1,
1962, pp 8-10.

FDD Sum 3556

KEUR - Bulgaria
Econ
May 62

196,352

(NY-6430)

ELECTRIFICATION OF BULGARIAN RAILROADS, BY
NOSTADIN NOSTADINTE, 3 PP.

ISSUING BULGARIAN, PER, ELECTROENERGII, VOL. 211,
NO 2, 1962, PP 3-5.

JPRS 14157

ENR - BULGARIA
ECON
SCI - ELECTRICITY
JUN 62

200,472

Open Pit Mines in the Maritsa-Iztok Lignite Basin,
by Bogdan Boyadzhiev, 8 pp.

BULGARIAN, per, Elektroenergiya, N Vol XIII, No 5-6,
1962, pp 3-7.

JPRS 15669

EEur - Bulgaria
Econ
Nov 62

216,802

The Development of the Electric Power Distribution System, by Mancho Manchev, 18 pp.

BULGARIAN, per, Elektroenergiya, Vol XIII, No 8, 1962, pp 1-5.

JPRS 16209

EUR - Bulgaria
Econ
Nov 62

217,702

BASIC DIRECTIONS IN THE DEVELOPMENT OF THE
ELECTRICAL POWER NETWORK OF BULGARIA, 5 PP.

BULGARIAN, ^{per}~~MASS~~ ~~RE~~, ELEKTROENØRGIYA, NO 9,
SEP 1962, PP 1, 2.

JPRS 16875

EEUR - BULGARIA
ECON
JAN 63

218,701

THE RELATION BETWEEN AND THE DEPENDENCE OF BASIC
INDICATORS AS REGARDS THE COAL IN THE "MARITSA-
IZTOK" COAL BASIN, BY KIRIL BELCHEV, 16 PP.

BULGARIAN, PER, ELEKTROENERGIYA, NO 9, 1962,
PP 3-8.

JPRS 18263

SCI - M/M
APR 63

228,429

WATER SOURCES AND THEIR USE IN THE PERIOD UNTIL
1980, BY ALEKSANDUR VASILEV, 6 PP.

BULGARIAN, PER, ELEKTROENERGIYA, NO 11, 1962,
PP 2-4.

JPRS 19261

EEUR - BULGARIA
ECON .

MAY 63

2231,153

DISTRIBUTION OF POWER PLANTS ACCORDING TO POWER
SYSTEM RESERVES, BY RAYKO RAYKOV, 5 PP.

BULGARIAN, PER, ELEKTROENERGIYA, NO 1, 1963,
PP 3-5.

JPRS 18791

EEUR - BULGARIA

ECON

APR 63

228,696

THE "DOSPAT-KRMICHIM" ELECTRIC POWER CASCADE, BY
A. TSENOVA, P. PAVLOV, ET AL, 26 PP.

BULGARIAN, PER, ELEKTROENERGIYA, VOL XIV, NO 2, 1963,
PP 1-7.

JPRS 19915

EE-BULGARIA
ECON
JUL 63

235,188

THE NECESSITY TO RECONSTRUCT THE TRANSFORMERS IN
THE ELECTRIC POWER SYSTEM OF BULGARIA, BY
KOTSO KHRISTOV, 8 PP.

BULGARIAN, PER, ELEKTROENERGIYA, VOL XIV, NO 2,
1963, PP 7-9.

JPRS 19915

EE-BULGARIA

ECON

JUL 63

235,189

COMPLETE DISTRIBUTION INSTALLATIONS PRODUCED IN
BULGARIA, BY ZAKHARI VLADOV, 14 PP.

BULGARIAN, PER, ELEKTROENERGIYA, VOL XIV, NO 2,
1963, PP 9-13.

JPRS 19915

EE-BULGARIA
ECON
JUL 63

235,190

Some Data on the Traycho Kostov Thermoelectric
Station in Sofia, by Spas Stoichkov, 16 pp.

BULGARIAN, per, Elektroenergiya, No 4, 1963,
pp 2-9.

JPRS 20636

EEur - Bulgaria
Econ

Aug 63

PROSPECTS FOR FUEL AND POWER DEVELOPMENT OF THE
MARITSA-IZTOK BASIN, BY G. BLUSKOV, ET AL, 14 PP.

BULGARIAN, PER, ELEKTROENERGIYA, NO 7, 1963, PP 1-6.

JPRS 21431

EE-BULGARIA
ECON
OCT 63

346,559

Development of the Energoproekt Design Institute for Electric
Power Construction, by Dobri Mikhzylov, 7 pp.

BULGARIAN, per, Elektroenergiya, No 8, pp 1-4, 1963.

JPRS 22539

EE-Bulgaria
Econ
Jan 64

245, 375

Basic Directions in the Development of the Bulgarian Power System, by p. katsarov, Iv. Dyakov, et al, 13 pp.

Bulgarian, per, Elektroenergiya, No 8, 1963, pp 4-10.

JPRS 22539

EE-Bulgaria
Econ
Jan 64

45, 376

The Ivaylovgrad Hydroelectric Power Center, by Spirodon Iliev,
15 pp.

BULGARIAN, per, Elektroenergiya, No 8, 1963, pp 16-22.

JPRS 22617

EE-Bulgaria

Econ

Jan 64

245, 581

Development of Medium-Voltage Transmission Lines in Bulgaria
by Dimitur Lalov, 9 pp.

BULGARIAN, per, Elektroenergiya, No 8, 1963, pp 23-27.

JPRS 22539

EE-Bulgaria
Econ
Jan 64

245, 377

The 16 Feb

**Important Economic Problems Related to Use of Large
Dams in Bulgaria, by Mikhail Vitanov, 9 pp.
BULGARIAN, par, Elektroenergiya, No 12, 1963, pp 3-6,
JPRS 23694**

**EE-Bulgaria
Econ
Mar 64**

252,133

The Sestrino Cascade, by N. Panayotov, G. Kukov,
et al, 13 pp.
BULGARIA, per, Elektroenergiya, Vol XV, No 1,
1964, pp 3-8.
JPRS 24558

EE-Bulgaria
Econ
May 64

259, 160

Basic Proposals for the Development of Power
Supply in the City of Sofia, by M. Spirov, 10 pp.
BULGARIAN, per, Elektroenergiya, No 4,
1964, pp 3-7.
JPRS 26008

EE-Bulgaria
Econ
Aug 64

265,884

Specifications for the RUSE-IZTOK Thermal
Power Station in Bulgaria, by D. Minkov,
Kh. Ladozov, 10 pp.
BULGARIAN, per, Elektroenergiya, NO 4,
1964, pp 14-18.
JPRS 26008

EE-Bulgaria
Econ
Aug 64

265,885

The Work of the Bulgarian Electric Power System
During the Summer and Fall of 1964,
by Z. Kamenov, P. Guyrov, 15 pp.
BULGARIAN, per, Elektroenergiya, No 6, 1964,
pp 1-4.
JPRS 26708

EE-Bulgaria
Econ
Dec 64

269,634

Prospects for the Development of Atomic Electric
Power Plants in Bulgaria, by Zh. Gudeva, A. Velkov,
20 pp.
BULGARIAN, per, Elektroenergiya, No 6, 1964,
pp 5-9.
JPRS 26708

EE-Bulgaria
Econ
Dec 64

269,635

Reducing Accidents in the Electric Power System,
by A. Nikolov, 6 pp.
BULGARIAN, per, Elektroenergiya, No 6, 1964,
pp 25, 26.
JPRS 26708

EE-Bulgaria
Soc
Dec 64

269,636

Progress in Electric Power Production, 1944-1964,
by K. Popov, 14pp
BULGARIAN, per, Elektroenergiya, No 7-8, Jul-Aug 64,
pp 2-9
JPRS 27232

Sci-Electronics
Jan 65

271099

Problems in the Prospective Thermal Electric
Power Plan of Bulgaria, by Iv. Zhabinski, 11pp
BULGARIAN, per, Elektroenergiya, No 7-8, ~~Aug~~ Jul-Aug
1964, pp 23-27
JPRS 27232

Sci-Electronics
Jan 65

271100

The "Shiroka Polyana" Hydroelectric Station,
by G. Avramov, Iv. Mikhaylov, 7 pp.
BULGARIAN, per, Elektroenergiya, No 9, 1964, pp 2-4.
JPRS 28031

EE-Bulgarian
Econ
Feb 65

273,236

English Title Unknown, by K. Schwabe.
GERMAN, per, Electrochimica Acta, Vol 9, 1964,
pp 1003-1013.
*NASA TT F-11,513

Jan 68

The Ivaylovgrad Hydroelectric Power Plant,
by Engr Spiridon Iliev, 6 pp.
BULGARIAN, per, Elektroenergiya, No 11, Nov
1964, pp 1-2.
JPRS 28651

E-Bulgaria
Eco
Feb 65

275,292

The Most Important Tasks in Bulgarian Electric
Power Production, 1965, by Engr Konstantin Popov,
5 pp
BULGARIAN, per, Elektroenergiya, No 12, Dec 64,
pp 1-2,
JPRS 29797

EE-Bulgaria
Econ
Apr 65

279,292

Electronic Industry in Norway, 8 pp.

NORWEGIAN, per, Elektro-Installatren, Vol XI,
no 8, 1960, pp 51-55.

UBASIA H-6737

Sci - Electronics

Nov 60

131,467

Electrokinetics of the Phase Boundary, by A. J. Rutgers.

GERMAN, bk, Elektrokinetika van de phase-grens,
1947.

*AEC

Sci - Phys

Apr 63

Fischer, Helmuth. CRYSTALLIZATION OVERSTRAIN [AND] INFLUENCE OF AN INSERTION OF ACID GROUPS. [1962] [5] p. (foreign text included) 4 refs. Order from SLA \$1.10 Trans. of mono. <u>Elektrolytische Abscheidung und Elektrokrystallisation von Metallen, Berlin/Göttingen/Heldelberg, 1954, p. 215 and 283.</u> DESCRIPTORS: Metals, *Crystallization, Inhibition, *Acids, Electrochemistry. (Chemistry--Physical, TT, v. 9, no. 9)	62-20217 I. Fischer, H. II. Title: Influence... Office of Technical Services
---	---

The ~~Russian~~ Deposition of Beryllium on Copper
and Other Metals by Means of Fusion, by
H. Fischer, W. Schwan.

GERMAN, per, Electrolysis Metallwirtschaft,
Vol XII, No 14, 1933, pp 187-189.

A.E.R.E. Harwell Lib Tr 720

OT/1944

Sci - Physics
Mar 57 GTS/dex

45,094

Elektrolytisches Harten: Erhitzen von Metallen und
Legierungen in Elektrolyten, 1951, by I. S.
Yasnogorodskiy.

Translated from the Russian original. 1949.

DSIR 669-156
Lending Lib Unit
G. 12283

Electromagnetic Waveguides and Cavities, by Georg
Goubau, 672 pp.

GERMAN, bk, Elektronische Wellenleiter und
Rohrwerke, Physik und Technik, Band 5, 1955,
470 pp.

ANC Tr-3926

Sci - Phys
May 62

193,569

Report on Two Fatal Accidents Due to Electrical
Current at 70 Volts, by P. Osypka, 21 pp.
GERMAN, per, Elektromedizine, Vol 5, No 4, 1960,
pp 213-221. P911389567
AEC ORNL-TR-1709

Sci-Electronics
Dec 67

346,215

R-5532-D

8 July 65

Der Informationscharakter der modernen Ballistographie
by H. Klensch, ELEKTROMEDIZIN BAND June 1961 No 2, pages
104-118 (15pp)

German est for wis:

Type an original copy only. Document can be cut for
paste-up.

Report on Two Fatal Accidents Due to Electric
Currents of Seventy Volts, by P. Ouypha.
GERMAN, per, Elektromedizin, Vol 5, No 4, 1960,
pp 213-221.
*AEC ORNL Tr-1709

Sci - Electronics
Jun 67

The Biological Effects of Microwaves, by
R. Huebner, 49 pp.
GERMAN, per, Elektromedizin, Vol VI, No 4,
1961, pp 193-209. 9698874
FTD-TT-63-611

Sci - Biol & Med Sci
Jan 66

294,717

On Therapy with Electrical Pacemakers. An
Implantable Inductively Switchable Electrical
Pacemaker, by J. Sykosch
EUROPEAN, per, Elektromedizin, Vol 8, No 3,
1963, pp 139-142
NTC 71-15330-06B

mar 72

Elektrometallurgie der wässrigen Lösungen (Berechnun-
gen). 1952, by W. G. Ageyev, I. A. Kakovskiy

Translated from the Russian original. 1947.

DSIR 621.35:669.2/.8
Lending Lib Unit
G. 12288/0

Ferro-alloys, by W. P. Eljutin, J. A. Pawlow,
B. E. Iawin.

GERMAN, per, Die Elektrometallurgie, VEB Verlag,
Berlin, 1953, pp 372-374.

Dept of Interior
TN7, E57, No 80

Sci - Min/Mat

Nov 59

100,446

Short-Wave Radiation From the Milky Way, by Gunther
Zimmermann, 4 pp. UNCLASSIFIED

Full translation.

GERMAN, no per, Das Elektron, Vol I, No 3, Mar 1947,
pp 104-107.

Navy Tr 673/MRL 410

EEur - Germany

Scientific - Electronics, short wave radiation,
milky way

Nov 52 CTS/DEX

Slot Antennas, by H. H. Meinke, 15 pp.

GERMAN, per, Das Elektron, Vol II, No 2, Feb 1948,
pp 220-224.

SLA 57-1385

Sci
May 58

63,781

Process in Transistor Technique, by E. H. Hungermann, 19 pp.

GERMAN, per, Elektron, No 13-14, 1951, pp 429-439. (loan copy only)

SIA 57-2793

Sci
Aug 58

70,476

The Transistor Bridge, the Ideal Measuring
Instrument for Transistors, 6 pp.
UNCLASSIFIED

GERMAN, per, Das Elektron, No 11, 1953, Encl
to IR-930-54, PP 343, 344.

AF 629888

WEur - Austria

13, 711

Scientific - Electronics CIA D 81113

CTS/DEX

Table of Contents

No. 1, 11, 12, 1953
German, per, Das Elektron, No 1, 2, 3, 4/5,
1954.

AF 629743

1. From the Altimeter to the AM FM TV - Sweepgenerator;
2. Possibilities of Using the FM-Magnet From the AN-APNI Altimeter;
3. The Electron Prize Transmitter, 10 pp.

DUTCH, per, Electron, Aug 1955, pp 224-226, 231-233.

212-0892
525th MI Gp, H-4109

Sci - Electron

Sep 59

97,380

A Rotating Aerial; A Two Meter Converter With
Self Oscillating Triode, by J. G. Zuidervijk, 3 pp.

DUTCH, per, Electron, No 8, 1956, pp 233-238.

252 * 525th MI Gp, H-4108

Sci - Electron

Sep 59

96,995

This Will Interest You Too!, 4 pp.

GERMAN, per, Das Elektron, No 7, 1957, pp 172,
173.

USASIA: SC-163/60

International
Econ - Television and Radio
Jun 60

120,170

This Will Interest You Too!, 3 pp.

GERMAN, per, Das Elektron, No 8, 1957, p 208.

USASIA: BC-164/60

International
~~EE - Germany~~
Econ - Television
Jun 60

120,161

This Will Interest You Too, 2 pp.

GERMAN, per, Das Elektron, No 9, 1957, p 240.

USASIA: SC-165/60

WorldWide
Econ - Television
Jun 60

This Will Interest You Too!, 6 pp.

GERMAN, per, Das Elektron, No 12, 1957, pp 342,
343, 364.

USASIA: SC-166/60

International
Econ - Television
Jun 60

120,164

This Will Interest You Too!

GERMAN, per, Das Elektron, No 1/2, 1958,
pp 4, 9; No 6, pp 120, 121, 139, 141;
No 7, pp 148-149, 1954-1955, 159, ~~XX~~ 160,
163, 168-170; No 8, pp 178-179; 1959, No 1/2,
pp 4, 5, 16, 17, 22.

USASIA

SC-167/168/169/~~166~~
170/172/60

Sep 61

This Will Interest You Too!

GERMAN, per, Das Elektron, No 11, 1958, pp 274-5,
279, 289, 295-6.

USASIA: SC-171/60

Worldwide

Econ

Jul 60

120,803

This Will Interest You Too!, 3 pp.

GERMAN, per, Das Elektron, No 3, 1959,

USASIA: BC-173/60

~~XXXXXXXXXX~~
International
Econ - Television
Jun 60

120,162

This Will Interest You Too!, 2 pp.

GERMAN, per, Das Elektron, No 4, 1959, pp 66, 67.

USASIA: SC-174/60

WorldWide
Econ
Jun 60

This Will Interest You Too! 2 pp.

GERMAN, per, Das Elektron, No 6, 1959, pp 132-134,
147.

USASIA SC-175/60

~~XX~~

Sci - Electronics

Sep 60

is Will Interest You Too!, 6 pp.

IRMAN,
~~STELIAN~~, per, Das Elektron, No 9, 1959, pp 214, 218,
9, 222, 223, 225, 226, 239, 240.

USASIA SC-176/60

:i - Electronics

ap 60

125,745

This Will Interest You Too!, 6 pp.

GERMAN, per, Das Elektron, No 11, 1959, pp. 248,
250, 252, 253, 256, 260, 265, 266, 271, 277.

USASIA: SC-177/60

International
Econ - Radio and Television
Jun 60

120,167

This Will Interest You Too!, 2 pp

BERMAN, per, Das Elektron, No 2, 1960,
pp 40, 48, 51, 69.

USASIA: SC-180/60

WorldWide
Econ - Television
Jun 60

This Will Interest You Too!, 3 pp.

GERMAN, per, Das Elektron, No 3, 1960, pp 76, 80.

USASIA SC-181/60

Sci - Electronics

sep 60

125,746

Direct Observation of Metal Surfaces by Reflection,
by C. Fert.

SWEDISH, rpt, Electron Microscopy: Proceedings
of Stockholm Conference, Sep 1956, pp 8-12.

BIBI 1802

Sci - Phys

Sep 60

124,958

On the Representation of Small-Angle Grain Boundaries
of Considerable Dislocation Density on the Surface
Plane of NaCl Crystals, by V. Schmidt, H. Bethge,
5 pp.

GERMAN, rpt, Electron Microscopy, 1964: Proceedings
of the Third European Regional Conference on Elec-
tron Microscopy, held in Prague in Aug. 26-Sept. 3,
1964, pp 263-264.

Dept of Navy

NAVY Tr No 4494/NRL 1046

297,486

Sci - M/M

Technique of Transistor-Measuring, by H. F. Matara

Full translation.

GERMAN, Elektron Wiss. Tech, pp 368-379.

A.E.R.E. Harwell Tr No 11/3/5/207 OT/358

Scientific - Electronics

Index Aeronautics, March 1953

Elektronen- und Ionenemission. 1954, L. N.
Dobrezov

Translated from the Russian original. 1952.

DSIR 537.533
Lending Lib Unit
G. 12330

APC 1-9776
Russ version to English
NASA TT-F-73

Elektronenoptik, 1954, by E. A. Vainrib, V. I. Milyutin.

Translated from the Russian edition, 1951.

DSIR 537.533
Lending Lib Unit
G. 11357

X-Ray Amplifier for the Radioscopy of Thick
Materials.

ITALIAN, par, Elektronica, Vol IX,
No 214, 1956, pp 185-191.

CSIRO

Sci - Phys
Jun 62

201,132

The Telecommunications Installations of the Italcable,
by Ascanio Ntutta, 17 pp.

ITALIAN, per, Electronica, Vol IX, No 3, 1960, pp 98-113

ACSI H-8783
ID 2163972

Sci - Electronics
Aug 61

162,910

Electronic Spectrophotometer for Automatic
Recording and Direct Reading, by Friedbert Meier,
14 pp.

GERMAN, per, Elektronik, No 12, 1957, Munich,
pp 353-356.

USASIA SC-196/60

Sci - Electronics

Sep 60

125,751

RC Oscillators for Extreme Frequencies, by W.
Wisotzkey, 3 pp.

GERMAN, per, Elektronik, Vol VI, 1958, pp 175.

UBASIA SC-198a/60

Sci - Electronics

Sep 60

125,760

Presettable Double-Decade Countries With Cold
Cathode Tubes, by H. Steingass, 6 pp.

GERMAN, per, Elektronik, No 6, 1968, pp 176-178.

USASIA SC-198b/60

Sci - Electronics

Sep 60

125, 739

A Short-Circuit Generator for Time Periods of 0.1
to 100 Microseconds, by M. Preisinger, 5 pp.

GERMAN, per, Elektronik, No 7, 1958, pp 209-210.

USASIA SC-199a/60

Sci - Electronics

Sep 60

125,753

Development Tendencies of Semiconductor Engineering,
by Otto Limann, 24 pp.

GERMAN, per, Elektronik, No 7, 1958, pp 221-227.

USASIA SC-199b/60

Sci - Electronics

Sep 60

125,754

Electronic Counter for the Measurement of Frequencies and Minimal Time Intervals, by Klaus Pfaff 8 pp.

GERMAN, per, Elektronik, No 10, October 1958, pp 305-307.

UEASIA: SC-200a/60

Sci - Electronics

168,630

Sep 61

Electronic-Optical Image Converter and Image Amplifier
(2nd Edn), by P. Schart.

GERMAN, DL, Elektronenoptischer Bildwandler und
Röntgenwellen-Verstärker (2te Ausgabe), Leipzig,
1962, 209 pp.

ERDL, Ft Belvoir T-1041

Sci - Electron
Jun 63

234,467

Pulse-Phase Modulation-Directional Radio-Link
Type PPM 53-54. ~~UNCLASSIFIED~~

GERMAN, per, Die Elektro-Post, No 4, Feb 1955,
p 70.

q
*SCIA No 1019/B

TV

Scientific - Electronics

Apr 55 CTS/DEX

A Printing Method for the E 1 T KEM Counter Tube,
by M. Klose, H. Pellkofer, 6 pp.

GERMAN, per, Elektronik, No 10, 1958,
pp 313-315.

USASIA: SC-200b/60

Sci - Electron

Oct 61

170
~~170~~, 660

The Influence of the Properties of the Recording
Head and the Tape on the Recording of Oscillograms
on Magnetic Tape, by Wolfgang Reinert, 28 pp.

GERMAN, per, Elektronik, No 11, 1956, pp 329-332.

USASIA SC-201/60

Sci - Electronics

Sep 60

125,752

A New Triggerable Sweep Unit for Electronic
Beam Oscillographs, by Hans Foerster, 6 pp.

GERMAN, per, Elektronika No 12, 1958, pp 375-378.

ACSI, H-3548

219 2631

Sci - Electron

Sep 59

95, 925

Analyser for Checking the Ignition System
of Otto-Engines.

GERMAN, per, Elektronik, Vol VII, No 2,
1958, pp 41-44.

CSIRO

Sci - Engr
Mar 62

189,280

Transistorized Tone-Frequency Remote Measuring
Installation, by Helmut Karger, 12 pp.

GERMAN, per, Elektronik, No 4, 1959, pp 117-120.

USASIA SC-203a/60

Sci - Electronics

Sep 60

125,757

The Metal-Lacquer Capacitor - Another Component for
Electronic Devices, 3 pp.

GERMAN, per, Elektronik, No 4, 1959, p 121.

UBABIA SC-203b/60

Sci - Electronics

Sep 60

125,758

Model of the AC Slip-Ring Runner on the Electronic
Analog Computer, by Ludwig Hannakam, 12 pp.

HERMAN, per, Elektronik, No 10, 1959, pp 315-319.

USASIA SC-208/60

Sci - Electronics

Sep 60

125,750

A Cold-Cathode Ring Counter Circuit With
Direct Numerical Indication, by H.
Liebendorfer.

GERMAN, per, Elektronik, Vol VIII,
No 12, 1959, pp 362-364.

CSNRO

Sci - Electron
Jun 62

203, 363

Aschmonelt, Ernst-Karl.

SIMPLE BINARY COUNTER FOR ADDITION AND
SUBTRACTION. [1963] 6p. (figs. omitted) 2 refs.
Order from SLA \$1.10

63-18875

Trans. of Elektronik (West Germany) 1960 [v. 9]
no. 8, p. 232-234.

DESCRIPTORS: *Computers, Computer logic, Design,
Operation, Arithmetic operations.

Technical details are given of a binary counter made
by Servomechanisms, Inc.

(Mathematics--Computing Devices, TT, v. 10, no. 12)

63-18875

I. Aschmonelt, E.-K.

Office of Technical Services